

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.
682.CAEP:101_US

In Re Application Of: Hamed et al.

MAY 03 2002

P10A/TRAN
C2

| Serial No. | Filing Date | Examiner | Group Art Unit |
|------------|------------------|----------|----------------|
| 10/056,579 | January 25, 2002 | N/A | 3653 |

Title:

SAND SEPARATING APPARATUS FOR A THERMAL SAND REMOVAL OVEN

Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

- The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

 the statement specified in 37 CFR 1.97(e);

OR

 the fee set forth in 37 CFR 1.17(p).RECEIVED
MAY 08 2002

GROUP 3600

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b)(1)(i)(c))

Docket No.
682.CAEP:101_US

In Re Application: Hamed et al.

MAY 03 2002

COPY OF PAPERS
ORIGINALLY FILED

Serial No.

10/056,579

Filing Date

January 25, 2002

Examiner

N/A

Group Art Unit

3653

SAND SEPARATING APPARATUS FOR A THERMAL SAND REMOVAL OVEN

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GROUP 3600

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of _____ is attached.

The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0822 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of _____

Credit any overpayment.

Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited ON April 24, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Edward Tracy Jr.

Signature of Person Mailing Correspondence

Edward Tracy, Jr.

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

Edward Tracy Jr.

Signature

Dated: April 24, 2002

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CC:



U.S. UTILITY PATENT APPLICATION
ATTORNEY DOCKET NO. 682.CAEP:101_US_

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
In the Matter of United States Patent Application:

Applicant(s): Hamed et al.

Examiner: N/A

Serial No.: 10/056,579

Art Unit: 3653

Filed: January 25, 2002

For: SAND SEPARATING APPARATUS FOR A THERMAL SAND REMOVAL
OVEN

COPY OF PAPERS
ORIGINALLY FILED

Certificate of Mailing by First Class Mail
I certify that this Information Disclosure Statement is
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Service as first class mail under 37 C.F.R. §1.8 and is
addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231.

Edward Tracy Jr.
Edward Tracy, Jr., Esq.
Registration No. 47,998

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MAY 08 2002

GROUP 3000

Assistant Commissioner for Patents
Washington, D.C. 20231

Honorable Sir:

This Information Disclosure Statement is submitted in compliance with 37 C.F.R. §§ 1.56
and 1.97 through 1.98.

Record is made herebelow of published art for consideration during prosecution of the
above-identified patent application. No representation is made or intended that a search has been

made or, if made, was complete, or that no more pertinent art than that listed is available. It is expected that the Patent and Trademark Office will conduct an independent search for relevant prior art.

Unless otherwise indicated, a full text copy of the entire reference of published art is attached. Where specifically indicated, an equivalent English language patent or publication is attached in lieu of the translation.

In accordance with the Patent and Trademark Office Notice of August 15, 1980, also enclosed is a completed Form PTO-A820 (Form PTO-1449).

Please consider the following published art:

Kefa Cen, Xiaodong Li, Yangxin Li, Jianhua Yan, Yueliang Shen, Shaorong Liang & Mingjiang Ni, Experimental study of a finned tubes impact gas-solid separator for CFB boilers, Chemical Engineering Journal 66 (1997) pages 159-169, discloses an apparatus for removal of solids from a gas stream of a CFB boiler.

S. De, A. K. Lal & P. K. Nag, An experimental investigation on pressure drop and collection efficiency of simple plate-type impact separator, Powder Technology 106 (1999) pages 192-198, discloses an apparatus for removal of solids from a gas stream of a CFB boiler.

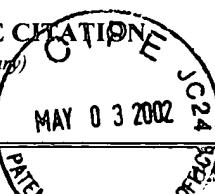
Respectfully submitted,

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Dated: April 24, 2002

EWT
Enclosures (2)

| INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small> | | | | Docket Number (Optional) 682.CAEP:101 US | | Application Number 10/056,579 | | |
|--|-----|---|------|--|-------|---|---|--|
|  | | | | Applicant(s) Hamed et al. | | | | |
| | | | | Filing Date January 25, 2002 | | Group Art Unit 3653 | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation <small>YES NO</small> | |
| | | | | | | | | |
| OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> | | | | | | | | |
| | | Kefa Cen, Xiaodong Li, Yangxin Li, Jianhua Yan, Yueliang Shen, Shaorong Liang & Mingjiang Ni, Experimental study of a finned tubes impact gas-solid separator for CFB boilers, Chemical Engineering Journal 66 (1997) pages 159-169 | | | | | | |
| | | S. De, A. K. Lal & P. K. Nag, An experimental investigation on pressure drop and collection efficiency of simple plate-type impact separator, Powder Technology 106 (1999) pages 192-198 | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |